

Energy Efficient Glass Market to Increase at a Healthy CAGR of 4.3% from 2017 to 2027

Detailed Analysis of the Report

Market Size – USD 69.3 Million in 2019, Market Growth - CAGR of 20.8%, Market Trends – Growing adoption of electric vehicles

VANCOUVER, BC, CANADA, June 1, 2022 /EINPresswire.com/ -- The global [energy efficient glass market](#) is projected to be worth USD 36.91 Billion by 2027, according to a current analysis by Emergen Research. The energy efficient glass market observes high

demand attributed to the increasing demand for reduced energy consumption in buildings. Energy efficient glass is found to decrease the overall energy consumption in buildings by about 8.0% to 10.0% and thereby offer savings on operational costs. The increase in global solar capacity is a significant factor in driving the market growth. The installation cost of solar panels

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Growing demand for green buildings is one of the significant factors influencing the market growth.

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Emergen Research

in the US has plunged by over 70.0% in the last ten years, resulting in the industry's expansion and the installation of numerous systems across the country. The demand for energy efficient glass in the solar cells is owing to the offering of benefits such as reduced glass emissivity due to low e-coating and reduced U-factor. This causes low solar heat gain coefficient values that offer optimum visible light transmittance resulting in diminished lighting loads and energy saving.

The report offers an accurate forecast estimation of the

energy efficient glass industry based on the recent technological and research advancements. It also offers valuable data to assist the investors in formulating strategic business investment plans and capitalize on the emerging growth prospects in the energy efficient glass market. The



study on the Global energy efficient glass Market is the latest report covering the impact analysis of the currently ongoing COVID-19 pandemic. The pandemic has directly affected the market by causing disruptions in the global supply chains and indirectly by inducing financial difficulties. The energy efficient glass market has witnessed dynamic changes in trends and demands owing to the ongoing COVID-19 pandemic.

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Key Companies Profiled in the Report:

Nippon Sheet Glass, Kaphs SA, Sisecam Group, Saint-Gobain, Vitro Architectural Glasses, AGC, Metro Performance Glass, Schott AG, Morley Glass & Glazing, and Guardian, among others.

Some Key Highlights from the Report

The major benefits of hard coated energy efficient glass are durability and can be used in single glazing without losing the coating.

Double glazing finds widespread usage in insulation. A lesser amount of energy is consumed during heating or cooling a space installed with double glazed windows leading to cost-saving in energy bills.

In the automotive industry, energy efficient glasses find application in windshield and windows. The use of these glasses in the automotive provides a robust heat loss barrier and maintains the vehicle's optimal temperature, causing less usage of in-vehicle air conditioning.

The market in the Asia Pacific region is projected to grow at the fastest rate in the period 2020-2027 owing to a growth in the construction activities of residential and commercial buildings and a rise in the level of disposable income.

In May 2019, Nippon Sheet Glass made an announcement about the signing of an agreement by its subsidiary with Ubiquitous Energy, a firm involved in transparent solar technology. The partnership intends to develop, produce, and integrate ClearView Power™ technology of Ubiquitous Energy into architectural window glass to generate solar power for buildings.

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Emergen Research has segmented the global energy efficient glass market on the basis of coating type, glazing type, application, and region:

Coating Type Outlook (Revenue, USD Billion; 2017-2027)

Soft Coat

Hard Coat

Glazing Type Outlook (Revenue, USD Billion; 2017-2027)

Single Glazing

Double Glazing

Triple Glazing

Application Outlook (Revenue, USD Billion; 2017-2027)

Building & Construction

Automotive

Solar Panels

Others

Regional Analysis:

The report sheds light on the region expected to dominate the Energy Efficient Glass market in the coming years. The report estimates the market size in terms of volume and value and offers an accurate estimate of the market share each region is anticipated to hold during the forecast period. The report analyzes the spread of the Energy Efficient Glass market in key geographies covering North America, Latin America, Europe, Asia Pacific, and Middle East & Africa. The regional analysis offers an idea about the production and consumption pattern, import/export, supply and demand ratio, revenue contribution, market share and size, and the presence of prominent players in each region.

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The report further sheds light on the strength, weaknesses, opportunities, and threats faced by the companies in the global Energy Efficient Glass market and additionally measures the feasibility and investment return analysis in the report. Furthermore, the report is furnished with the latest impact of the COVID-19 pandemic on the market and covers the initial and future assessment of the COVID-19 impact on the market. The report is a qualitative and quantitative assessment of the global Energy Efficient Glass market that has been formulated by extensive

primary and secondary research with the data further validated from industry experts and professionals.

Key Benefits of the Report:

Comprehensive analysis of the competitive scenario and its changing dynamics

Analytical data with detailed SWOT analysis and Porter's Five Forces analysis

In-depth 8 year analysis of the Global Energy Efficient Glass Market

Critical assessment of the key market segments

Comprehensive analysis of the drivers, restraints, trends, and opportunities

Detailed regional analysis and extensive company profiling

Extensive assessment of current and emerging trends of the market

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